

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An optical disc drive, comprising:

an optical head including a stationary portion and a movable portion, said movable portion supporting an objective lens ~~for converging~~ which converges a beam emitted from said stationary portion on an optical disc, said movable portion moving radially across an the optical disc; and

~~an aberration correcting lens that corrects aberration caused by said objective lens, said aberration correcting lens being mounted on said movable portion so as to be movable in a direction substantially orthogonal to a movable direction of said movable portion in accordance with a variation of the aberration caused by said objective lens,~~
wherein said aberration correcting lens corrects an aberration caused by said objective lens by moving in a direction substantially orthogonal to a movable direction of said movable portion and in accordance with a variation of the aberration caused by the objective lens.

2. (Original) The optical disc drive according to claim 1, wherein said aberration correcting lens is mounted on said movable portion movably in a direction parallel to the optical disc.

3. (Original) The optical disc drive according to claim 1, wherein said aberration correcting lens is mounted on said movable portion movably in a direction perpendicular to said optical disc.

4. (Currently Amended) The optical disc drive according to claim 1, further comprising a first ~~deflecting-member~~ deflector mounted on said movable portion, said first ~~deflecting-member~~ deflector deflecting the beam emitted from said stationary portion in the direction orthogonal to the movable direction of said movable portion, wherein said aberration correcting lens is disposed on an optical path of the beam deflected by said first ~~deflecting-member~~ deflector.

5. (Currently Amended) The optical disc drive according to claim 4, wherein said first ~~deflecting-member-is~~ deflector comprises a prism.

6. (Currently Amended) The optical disc drive according to claim 4, wherein said first ~~deflecting-member-is~~ deflector comprises a mirror.

7. (Currently Amended) The optical disc drive according to claim 4, further comprising a second ~~deflecting-member~~ deflector mounted on said movable portion, said second ~~deflecting-member~~ deflector deflecting the beam deflected by said first ~~deflecting-member~~ deflector in the movable direction of said movable portion,

wherein said aberration correcting lens is disposed between said first and second ~~deflecting members~~ deflectors.

8. (Currently Amended) The optical disc drive according to claim 7, wherein said second ~~deflecting member is~~ deflector comprises a prism.

9. (Currently Amended) The optical disc drive according to claim 7, wherein said second ~~deflecting member is~~ deflector comprises a mirror.

10. (Original) The optical disc drive according to claim 1, wherein said aberration correcting lens is supported by a plate spring, said plate spring being arranged in parallel to the movable direction of said movable portion.

11. (Currently Amended) An optical head, comprising:
a carriage that moves radially across the an optical disc;
an objective lens supported on said carriage, said objective lens converging a laser beam on an the optical disc; and

an aberration correcting lens disposed on an optical path of the laser beam to ~~correct aberration caused by said objective lens, said aberration correcting lens being supported on said carriage so as to be movable in a direction orthogonal to a movable direction of said carriage in accordance with a variation of the aberration caused by said objective lens, wherein said aberration correcting lens corrects an aberration caused~~

by said objective lens by moving in a direction substantially orthogonal to a movable direction of said carriage and in accordance with a variation of the aberration caused by the objective lens.

12. (Original) The optical head according to claim 11, wherein said aberration correcting lens is supported on said carriage movably in a direction parallel to the optical disc.

13. (Original) The optical head according to claim 11, wherein said aberration correcting lens is supported on said carriage movably in a direction perpendicular to said optical disc.

14. (Currently Amended) The optical head according to claim 11, further comprising a first ~~deflecting member~~ deflector supported on said carriage, said first ~~deflecting member~~ deflector deflecting the laser beam emitted from a light source in the direction substantially orthogonal to the movable direction of said carriage,

wherein said aberration correcting lens is disposed on an optical path of the laser beam deflected by said first ~~deflecting member~~ deflector.

15. (Currently Amended) The optical head according to claim 14, wherein said first ~~deflecting member is~~ deflector comprises a prism.

16. (Currently Amended) The optical head according to claim 14, wherein said first ~~deflecting member is~~ deflector comprises a mirror.

17. (Currently Amended) The optical head according to claim 14, further comprising a second ~~deflecting member~~ deflector supported on said carriage, said second ~~deflecting member~~ deflector deflecting the laser beam deflected by said first ~~deflecting member~~ deflector in the movable direction of said carriage,

wherein said aberration correcting lens is disposed between said first and second ~~deflecting members~~ deflectors.

18. (Currently Amended) The optical head according to claim 17, wherein said second ~~deflecting member is~~ deflector comprises a prism.

19. (Currently Amended) The optical head according to claim 17, wherein said second ~~deflecting member is~~ deflector comprises a mirror.

20. (Original) The optical head according to claim 11, wherein said aberration correcting lens is supported by a plate spring fixed to said carriage in parallel to the movable direction of said carriage.